

P.1  
APR 12 2004

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**NONLINEAR SEISMIC IMAGING, INC.**

**TAWASSUL A. KHAN**  
C.E.O.

Sent Via Facsimile

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Number of Pages:

8

**TO:**

**Honorable Commissioner for Patents**

**Company:**

**USPTO**

**Fax Number:**

**703/872-9306**

**CC:**

**Victor Taylor, Examiner, Art Unit 2863**

**Fax:**

**571/273-2281**

**From:**

**Sofia McGuire**

**Fax Number:**

**713/521-2873**

**Tel. Number:**

**713/552-2727**

**Date:**

**04/08/2004 8:20:08 PM**

**RE:**

**Application 10/651,068**

**REMARKS:**

Attached is the amendment.

If there are any questions, please call 713/942-7926. Thank you.

Sincerely, Sofia McGuire

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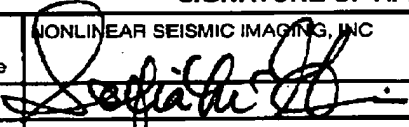
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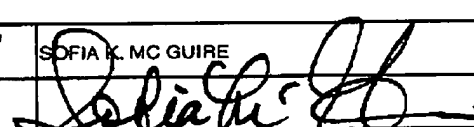
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PTO/SB/21 (02-04)  
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/651,068	
	Filing Date	08/29/2003	
	First Named Inventor	TAWASSUL A. KHAN	
	Art Unit	2883	
	Examiner Name	VICTOR TAYLOR	
Total Number of Pages in This Submission	8	Attorney Docket Number	

ENCLOSURES (Check all that apply)		
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<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
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<input type="checkbox"/> Response to Missing Parts/Incomplete Application		
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b>		
Firm or Individual name	NONLINEAR SEISMIC IMAGING, INC	
Signature		
Date	APRIL 12, 2004	

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Typed or printed name	SOFIA K. MCGUIRE	
Signature		Date APRIL 12, 2004

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**APR 12 2004**

April 8, 2004

Applicant : Nonlinear Seismic Imaging, Inc.  
App. No. : 10/651,068  
Filed : 8-29-2003  
Title: Mapping Reservoir Rocks using Frequency Spectral  
Broadening and the Presence of the Slow-Wave.  
Group/A.U. : 2863  
Examiner : Victor J. Taylor

Honorable Commissioner for Patents  
P.O. Box 1450  
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**AMENDMENT**

Sir:

In response to the Office Action Summary of March 19, 2004, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims that begins on page 2 of this paper.